

The Z-37 Bumblebee Plane and Its Agricultural  
Accessories, by Emil Rastak, 7 pp.  
CZECH, rpt.  
Dept of Navy Tr No 5161/ONI 2307

41

Sci - Aeronautics  
Mar 67

Emil RASTAK

320,514

The Z-37 Bumblebee Plane With Agricultural  
Accessories, by Emil Rastak. 8 pp.  
CZECH, per, Vojenska Technika, No 9, 1966.  
Dept of Navy CNT tr 2418

46

Emil Rastak

Sci/agric  
Aug 67

336,616

J. Rastas

A Modification of the Open Capillary Method  
According to Thomas for the Determination of  
the Tracer Diffusion Coefficient in Aqueous  
Electrolytic Solutions, by J. Rastas.

HUNGARIAN, per, Acta Polytechnica, Series A.  
Chemistry, Metallurgy, no. 55, Entire Issue,  
1966.

NTC 71-12845-07D

July 1971

Tracer Diffusion in Aqueous Electrolyte Solution  
from the Standpoint of the Thermodynamics of  
Irreversible Processes, by Jussi Rastas,  
37 pp.  
GERMAN, per, Acta Polytech Scan, Chem Met Ser No 50,  
1966.  
AEC/ORNL-Tr-2364-70

Sci/Phy  
Oct 70

*Jussi Rastas*

Information-cost evaluation of the Tactics of  
Statement of a diagnosis, by A. Z. Al'terian.  
L. A. Rastrigin, 16 pp.  
RUSSIAN, per. Kibernetika i Diagnostika, Riga,  
No 3, 1969, pp 171-185.  
JPRS 53389

L. A. Rastrigin

July 71

75

About the Identification of Images of Spatial  
Objects, by L.A. Rastigin, 7 pp.  
RUSSIAN, bk, Voprosy Kibernetiki i Pravo,  
Nauka Publishing House, Moscow, 1967,  
376 pp.  
JPRS 43,954

Sci-electronics and Elect.  
Engineering  
Jan 68 350,100

L. A. Rastigin

L. A. Rastrigin

Self Instruction in the Random Search Process, by  
L. A. Rastrigin.

RUSSIAN, bk, Statisticheskiye Metody Poiska, 1968,  
pp 234-290.

\*FSTC-HT-23-0938-72

Dec 71

The Probability Characteristics of Random  
Processes and Their Simulation on a Digital  
Computer, by L. A. Rastrigin, 7 pp.  
RUSSIAN, per, All LatSSR. Institut Elektroniki  
i Vychislitel'noy Tekhniki, Avtomatika i  
Vychislitel'naya Tekhnika, No 13, 1966,  
pp 117-123.  
AIR/PTD/HT-23-1445-67

46

L. A. Rastrigin

Sci-Elect & Elect Engr  
Jan 69

370.845

Random Search in Optimization Problems for  
Multiparameter Systems, by L. A. Rastigin,  
254 pp.

RUSSIAN, bk, Sluchaynyy Poisk v Zadachakh  
Optimizatsii Mnogoparametricheskikh Sistem,  
1965, pp 1-211. P100110068-V  
FTD-MF-67-363

84

Sci/Physics  
July 68

350,799

L.A. Rastigin

Synthesis of Some Algorithms of Optimal Behavior  
by Training Techniques, by A. S. Giaz,  
L. A. Rastigin, 17 pp.  
RUSSIAN, per. Kibernetika i Diagnostika,  
Miga, no 2, 1968, pp 63-80.  
SFRD 51111 51

L. A. Rastigin

Sci-Cybernetics  
Aug 70

The Principal Structural Features of the Kopet  
Dag Molasse, by L. M. Rastsvetayev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 1,  
1969, pp 162-165.

AGI

July 70

L. M. Rastsvetayev

R.K. Rastsveteva

Crystal Structure of Lomonosovite  $\text{Na}_5\text{Ti}_2\text{Si}_2\text{O}_7$

$\text{FeO}_4\text{Zn}_2$ , by R. K. Rastsveteva,

RUSSIAN, por., Dok Ak Nauk SSSR, Sov Phys, Vol 197,  
No 1, Mar 1971, pp 81-84.

Am Inst of Phys

Vol 16, No 3, Sept 1971

Oct 71

Crystal Structure of Vinogradovite  
 $\text{Na}_4\text{Ti}_4[\text{Si}_2\text{O}_6]_2[\text{Si}_4\text{O}_{10}]\text{O}_4 \cdot n\text{H}_2\text{O}$ ,  
by R. K. Rastsvetaeva and V. I. Simonov  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177, No 4,  
Dec 1967, pp 832-834.  
Am Inst Phys  
Vol 12, No 12, Jun 1968

Aug 68

361,030

Structure of Surface Impregnated Carbon-  
Antimony Steel, by L. N. Rastorguev, et al.  
LITERAT, per, Izv. Vuz Chern. Mkt., July  
1963, p. 143-148.  
#13 6057

94

L. N. RASTORGUEV

Sci-Materials  
Set to

The Economy and Finances of the Democratic  
Republic of Vietnam, by V. Rastorguyev, 10 pp.  
RUSSIAN, per, Finansy SSSR, No. 9, 1966,  
pp. 84-90.  
JPRS 38696

Rastorguyev, V.

FE-Vietnam  
Econ  
Dec 66

314,378

Electric Moment of a Spherical Particle Taking /103  
Into Consideration the Conductivity of the  
Particle and of the Medium, by A. V. Rastorguyeva.

6 pp.

Russia, per, Izvestiya Vysshikh Uchebnykh  
Zavodov. Fizika, Vol 9, No 6, 1966, pp 7-10.

AD/FD/R-23-558-68

sci/sci/navigation

verz a/cr 69

370,301

A.V Rastorguyeva

Second Symposium on Extremum Problems in Riga,  
by L. Rastrigin, 10 pp.  
SSISSIAE, par, Izdatelstvo Akademii Nauk Latvij-  
skoy SSR, No 2, 1966, pp, 119-127. P7  
JPBS 36709

L. Rastrigin

USSR  
Sci-Misc  
Aug 66

303,001

Chilean Minister Divulges Agrarian Reform Process,  
by Julio Pastero, 3 pp.  
GOVERNMENT USE ONLY  
SPANISH, op. ~~Marcha~~, Montevideo, 14 May 1971, p 29,  
JPRS/L 3003

June 71

*Julio Pastero*

RASTVOROVA, O. G. Water regime in soils beneath  
plantations of certain wood species in the forest-steppe zo  
Vest. leningr. Univ. Ser. Biol. 15(3):135-46 (1966)  
(GB 397/3623)

Proper maintenance and servicing of equipment,  
by G. Kasulbekov, 6 pp.  
MSIAK, per, Izvestiya Zvezda, Moscow, 14 Sept  
1968, p 2.  
JRC 43670

14

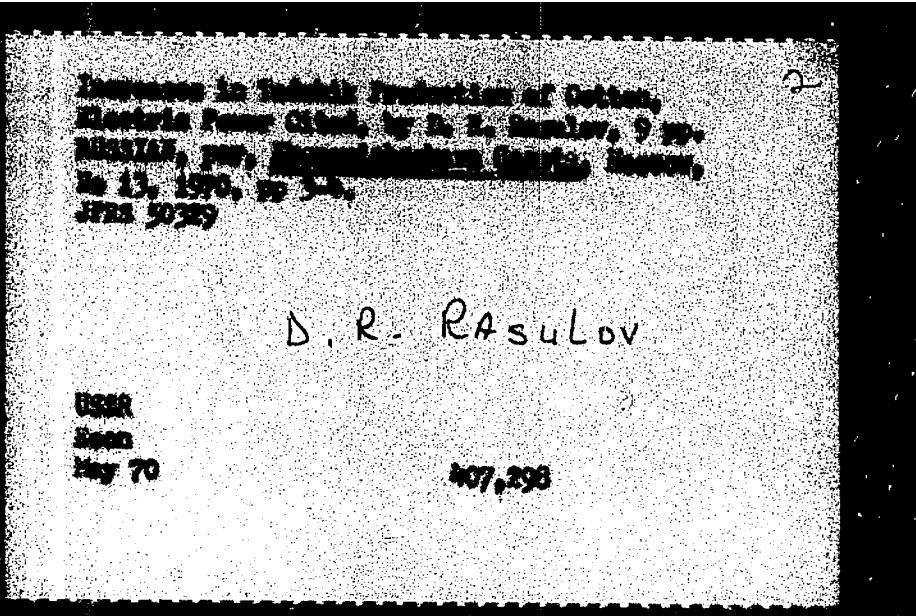
188-1

61

Set 62

307, #6

G. Kasulbekov



6

Tadzhik First Secretary Speaks on Kolkhoz  
Charter, by D. R. Rasulov, 10 pp.  
RUSSIAN, per, Kommunist Tadzhikistana,  
Dushanbe, 30 Oct 1969, pp 2-3.  
JPRS 49339

D R Rasulov

USSR  
Pol  
Dec 69

396,530

Application of the Method of the Contour Integral  
to the Solution of Multidimensional Mixed  
Problems for Second-Order Parabolic Systems, by

M. L. Rasulov.

TRANSLATED FROM RUSIAN, Bull. AM. MATH. SOC., Rev. Math.,  
Vol 193, No 2, 1970, pp 292-293.  
The AM Math Soc  
Vol 11, No 4, Jul-Aug 1970

*M. L. Rasulov.*

Estimates for the Solution of a Boundary Value  
Problem with a Complex Argument for an  
Elliptic System of Second Order, by  
M. L. Razumov.  
TRANSLATED FROM RUSSIAN, New York,  
Vol. 197, No. 3, 1970, pp. 991-997.  
The Am Math Soc  
Vol. 11, No. 3, May-June 1970

*M. L. Razumov*

Jan 71

The Fundamental Matrix of a Second-Order  
Elliptic System with a Complex Parameter,  
by M. L. Rassulov.  
RUSSIAN, par. Dok Akad Nauk SSSR, Sov Math,  
Vol 192, No 6, 1970, pp 1221-1223.  
The Am Math Soc  
Vol 11, No 3, May-June 1970

M. L. Rassulov

Jan 71

New Integral Transforms, by M. L. Rassulov,  
RUSSIAN, per. Dok. Akad. Nauk SSSR, Vol 189, No 5,  
1969, pp 945-948.

AMS

Vol 10, No 6, 1969

May 70

m.l. Rassulov

Application of the Contour-Integral Method  
to the Solution of Mixed Problems for a  
Parabolic System, by M. L. Rasulov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,  
No 6, 1967, pp 1281-1284.  
Am Math Soc  
Vol 8, No 6, 1967

M. L. RASULOV

Dec 68

354,399

The Fundamental Matrix of Solutions of the  
System for the Spectral Problem for Heat  
and Mass Exchange, by M. L. Rasulov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 5, 1968, pp 721-723.  
The Amer Math Soc  
Vol 9, No 3, 1968.

M. L. Rasulov

Sci/Math  
Oct 68

366,910

Solution of the Cauchy Problem and of the  
Mixed Problem for a Parabolic System, by  
M. L. Rasulov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 180,  
No 6, 1968, pp 768-770.  
The Amer Math Soc  
Vol 9, No 3, 1968.

M. L. Rasulov

Sci/Math  
Oct 68

366,922

109  
Methods of Contour Integration, by N. L. Ragulyev.  
RUSSIAN, bk, Amsterdam, 1967, 439 p.  
NLL Ref: 51

M. L. Kusulov

Sci/Math  
Feb 68

349.683

Selected Reports at USSR Party Congress, by  
A. N. Gorbunov, S. R. Rasulov, 9 pp.  
RUSSIAN, np, Printed, Moscow, 5 Mar 1971,  
pp 2, 3, 4.  
JFIC 52793

0553  
FOL  
Apr 71

S. R. Rasulov

A Mixed Problem for a Class of Quasilinear  
Differential Equations of the Third Order,  
by A. I. Uspenskij, G. A. Rasulova.

ISSIAM, per, Dok Ak Nauk SSSR, Mat.,  
Vol 173, No 5, 1967, pp 925-930.

The American Mathematical Society  
Vol 9, No 1, 1968

G. A. RASULOVA

Sci/Math  
Oct 68

X6,463

6

About Reducing the Reserves of Equipment  
Available but Not Installed in Industrial  
Construction, by M. Rasulova and V. Antipov,  
5 pp.  
RUSSIAN, per, Material'no-Tekhnicheskoye  
Snoobzheniye, Moscow, No. 2, 1968, pp. 37-39.  
JPAS 44,905

USSR  
Economic  
April 68

*M. Rasulova*  
*Rasulova*  
355,388

Industrial Use of Peat, by Jan Faggenekl, 7 pp.,  
POLISH, per, Gospodarka Materiałowa, No 6, '91 12  
Mar 1995, pp. 193-202,  
JPRS 30354

EE-Poland  
Econ  
Jun 65

201,365

University Training Reactor, by  
Karoly Raszl, 27 pp, FOR OFFICIAL USE ONLY  
HUNGARIAN, per, Energia es Atomtechnika,  
No 11, 1965, pp 527-535.  
DIA LN 267-66

Karoly Raszl

EEur/Hungarian/Soc  
Jun 66

302,104

Including Report on Construction of Inter-  
nist Technical University, by László Károlyi  
and Sándor Raszi. 7 pp.  
URSSCAS, ser. Elektrotechnika, vol. 53, No.  
3, May 1965, pp. 21-22.  
JWIP 2105

21

Károly Raszi  
1965 Hungary  
Book  
Aug 65

21A,003

P. Rata  
Variations in the Response to Accelerations in  
Dehydrated Animals, by P. Rata.  
ITALIAN, Par. Revista di Medicina Aeronautica, Vol 33,  
No 4, 1970, pp 100-108.  
NASA TT P 13998

oct 71

Ways to Improve State Farms Finances Presented,  
by Klemens Ratajczak, 6 pp.  
POLISH, np, Zycie Gospodarcze, Warsaw,  
15 Jun 1969, p 9.  
JPRS 48473

27

KLEMENS RATAJCZAK

EE-Poland  
Econ  
Aug 69

388,862

The Preparation, realization and Results of Long  
Training Cruises Aboard Submarines, by Leon  
Matajczak, Wladyslaw Janeczek.

FOR OFFICIAL USE ONLY  
POLISH, Ser, Przegląd Morski, No 10, 1966,  
pp 13-26. 0610936168-V  
DIA NP-621-1-1-68-EST

Sur

"ii

Ser 68

350,474

Several Considerations Concerning the training  
of Bomber Crews at Tso, by  
Leszek Rotajczak, Andrzej Swieczok.

TOP OFFICIAL USE ONLY

KULIT, per, Przemyslaw Werski, no 4, line,  
pg. 32-32. 6619313267  
DIA AF-621-1-7-67-17

Lead photo (2)

Thur-Fri  
21  
CV 67

544,692

Maneuvering a Combatant Ship During a "Man-  
Overboard" Alarm, by Leon Ratajczak,  
Wladyslaw Janecek, OFFICIAL USE ONLY  
POLISH, per, Przeglad Morski, No 5, 1966,  
pp 15-25. P610220867-V  
DIA AP-621-1-S-67-INT

Leon Ratajczak  
Mil  
Aug 67

335,461

Z. Ratajczak

The Control of Wood-Damaging Insect Pests  
Using a High Frequency Electrical Field, by  
Z. Ratajczak.  
POLISH, per, Instytut Technologii Drewna.  
Prace, Vol 15, No 3, 1968, pp 51-67.  
NTC-70-13004-11L

Feb 72

150

Experiments in the Production of Selection-Catalytic Filters, by M. Sura, F. Ratajczyk,  
POLISH, par. Szkle i Ceram., Vol XIV, No 1,  
1963, pp 1-4.  
ATS RJ-4720

F. Ratajczyk

Sci-Pays  
Jul 67

529,143

Spatial Plan - Vision of the Future of Polish  
Ports, by Z. Ratajczak, 8 pp.  
POLISH, per, Technika Ieconomyka Polska  
Rok XVII, No 7, 1967, pp 313-315.  
DIA LN 720-65

22

Z. Ratajczak

b7B  
Econ  
Oct 68

366,770

Subjective Excess of Information, Per-  
ceived by Man, by B. B. Kossov,  
T. A. Ratanov.  
RUSSIAN, per, Problemy Inzh Psichologii,  
no 2, 1965, pp 126-134.  
AIC/F7D/MT-24-228-67

38

T. A. Ratanov

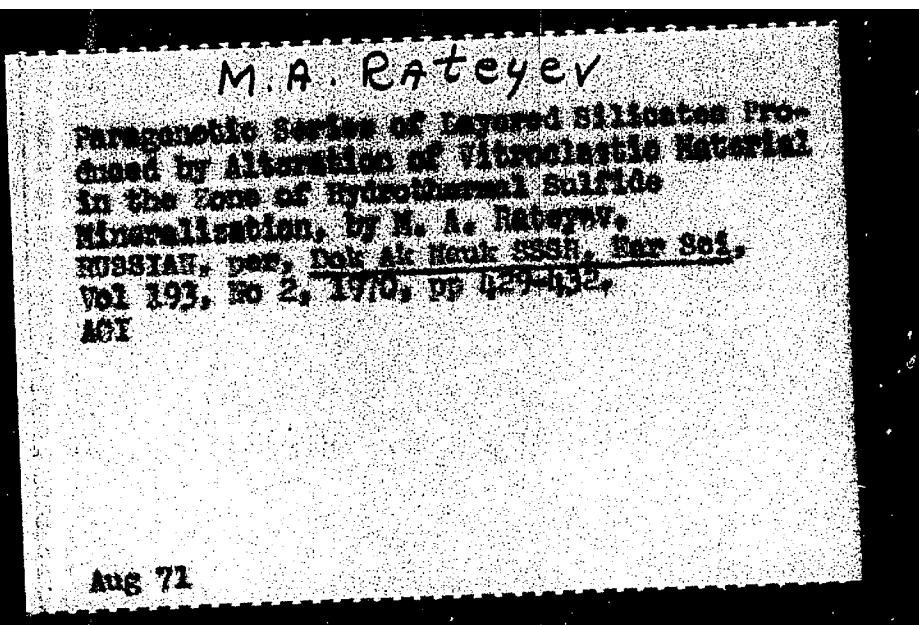
Sci-Bch & Soc Sci  
Apr 69

4  
380.228

Chinon 1 - Human Penetration into a Reactor  
After 24,000 Hours of Power Operation, by  
M. Rateau.  
FRENCH, per, Bulletin d'Information ATEN,  
No 78, July/Aug 1969, pp 19-31.  
CEGB-5369

M. Rateau

June 71



Potassium Kectorite From the Upper Carboniferous of  
the Samarskaya Luka (Samara Bend of the Volga), by  
M. A. Ratayev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 185, No 5,  
1969, pp 1153-1156.

AGI

M. A. Ratayev

Jan 70

399,994

On the Action of Adrenolytic Phenotolamine  
Preparations on Lipomobilism during the Fasting  
of Obes Persons, by R. Rath, Z. Slavochova,  
6 pp.  
CZECH, per, Ceskoalvenska Gastroenterologie,  
Vol 19, No 3, 1965, pp 169-172.  
P100137563-V  
FTD-HT-66-614

40

41

Sci-Bm  
July 63

360,705

R. Rath

Forester S. Rathay

New Forestry Planning Measures, Economic  
Regulations for 1973-1975 Noted, by  
Forester S. Rathay, 5 pp.  
GERMAN, per, Die Sozialistische Forstwirtschaft,  
East Berlin, Nov 72, DD 332-311.

JPRS 58019

Jan 73

Substitution of Acrylic Adhesives for Surgical  
Sutures, by Von H. Stegmann, P. Rathert, 10 pp.  
GERMAN, per, Medizinische Klinik, Vol 61, No 14,  
1966.  
ACME J-1021  
#224007470

6-7

P. Rathert

Sci/EMI  
June 70

Clinical Interest in a New Method for the  
Determination of Glucemia, by M.Izard and  
M.Rathery.

FRENCH, per, Diabète, No.2, PP.77-79, 1965.  
SLA-TP-65-11714

B/M  
Aug 66

*M. Rathery*

308,722

Kabul: The Geography of an Oriental City and  
Its Immediate Surroundings, by C. Rathjens.  
GERMAN, por, Die Erde, 1966.  
ANS

27  
Kabur  
Geog  
Aug 67

377,710

The Determination of Free Lime, by H.  
Rathke, 8pp  
GERMAN, per, Tonindustrie-Zeitung, Vol 50,  
1928, No 65, pp 1318-1321  
CFSTI TT-64-18201

*H. Rathke* 383,865

Sci - Mat  
Apr 67

H.A. Rathseck

Reactions of Zinc Oxide in Ship Bottom  
Paints, by H. A. Rathseck.  
EUROPEAN, per, Federation d'Associations  
de Techniciens des Industries de  
Peintures, Vernis, Emaux et Enres  
d'Imprimerie de l'Europe Continentale.  
(FATIPEC) Congress (no. 8), 1966,  
pp 180-184.  
NTC 72-11107-11C

May '72

Effect of War in Vietnam Upon Relations  
Between United States and Other Western  
Powers, by G. Ratianni, 5 pp.  
RUSSIA, np, Pravda, 16 June 1966, p 5.  
JPKS 37391

15

G. Ratianni

USSR

Pol

Sept 66

311.334

Determination of the Average Effective Radius  
of Vaporization Centers in the Nucleate Boiling  
of Liquids, by G. V. Ratianni, 7 pp.  
RUSSIAN, Sov. Sbornik Atom. Nauk. Gruz. SSR,  
Vol. 57(1), 1970, pp 137-140.  
ABC/TR-7202-70

50

G. V. Ratianni  
Sci/Chem  
Jan 71

Introduction of Greater Stretches of Information  
into Letters, by S. N. Marchak, V. I. Ratin.  
12 p.  
March., 1967, Reprinted, Belorusskaya i Sovetskaya  
SSR, 1, 1967, p. 9-12.  
ABV/RD/R-13-86-68

sci/economics  
See 69

376,677

F. D. Ratia

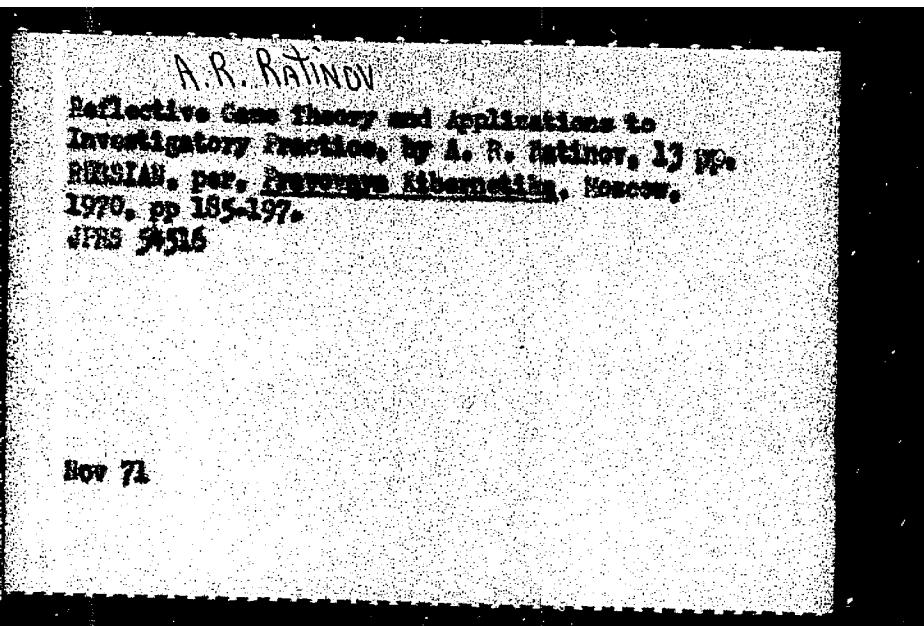
Georgian official discusses law and order, by  
Z. Ratiiani, 6 pp.  
Mkhitis, np, Zaria Vostoka, Tbilisi, 6 May 1969,  
p 3.  
JAS 42261

12

MSG  
COL  
July 69

397,349

Z. Ratiiani



76

Questions pertaining to Investigative Reasoning  
in the Light of Information Theory, by  
A.R. Ratinov, 34 pp.

RUSIAN, bk, Problems Kibernetiki i logika,  
Maksa Publishing House, Moscow, 1967,  
376 pp.  
J-88 43,934

Computerics and Elect.  
Engineering  
Jan. 67

351,700

A. R. Ratinov

The Correlation Between the Heat Resistance of the  
Muscles of Female Moths of the Silkworm *Bombyx*  
*mori* L. and the Capacity of Their Ovocytes for  
Artificial Thermal Parthenogenesis, by  
Ye. V. Rat'kin.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci,  
Vol 181, No 4, Aug 1968, pp 979-982.  
CB

*Y. V. Rat'kin*

Agrometeorology Grows as Important Science, by  
Branislav Ratkovic, 7 pp.  
SERBO-CROATIAN, per, Prijenos vesti, Apr 1968,  
pp 54-58.  
JPRS 46,063

33

Branislav Ratkovic

Sci/Agri  
Aug 68

362,759

Relation Between the Angular Divergence,  
Spectral Width, and Kinetic Behavior of a  
Laser, by A. M. Ratner. 34 pp.  
RUSSIAN, per, Trudy Respublikanskogo Seme-  
nara. (Kvantovaya Elektronika) No 3, 1969,  
pp 230-252  
AIR/FTD/MT-24-142-70

A. M. Ratner  
sci  
nov 70

Lasers with Greater Dispersion Angles, by 93  
A. M. Ratner. approx 176 pp.  
RUSSIAN, bk, Kvantovye Generatorы Sveta s Bol'shimi  
Uglovymi Reskhozhdeniiami, 1970.  
CONSULTANTS BUREAU/PLENUM PRESS

A. M. Ratner  
sci/physics  
dec 69

398,597

Spectral, Space and Time Characteristics of  
Lasers, by A. N. Matner. 203 pp.  
Moscow, 1968, Spektral'nye, Prostranstvennoye i  
Vremennye charakteristiki lazerov, 1968.  
CIRCULATED 10/20/01 BY [REDACTED]

A. M. Ratner

sci/ physics  
REV 69

396,062

Unrelated Intensity Peaks in Laser Radiation, 106  
by A. M. Ratner, N. A. Kor-Krichevskaya, et al.  
7 pp.

Russia, rpt, Trudy Seminara. Respublikanskiy  
Seminar po Kvantovoy Elektronike. Kvantovaya  
Elektronika, 1966, pp 137-143.  
ALW/TKB/RF-23-792-67

sci/physics

Mar 69

377,649

A. M. Ratner

Laser Switching Using Nonlinear Effects in  
Absorbing Media, by A. M. Ritsner. 17 pp.  
RUSSIA, r.t., Trudy Seminara. Rossiiskii Akademicheskiy  
Seminar po Kvantovoy Elektronike. Kvantovaya  
Elektronika, 1966, pp 166-182.  
.13/PB/41-23-792-67

sci/physics  
ur 69

377,652

A. M. Ritsner

Laser Radiation Characteristics in the Stationary Regime and in the Relaxation Process, by  
A. N. Ratner, 15 pp.  
Kirovograd, rpt. Trudy Seminara respublikanskiy  
seminar po kvantovoy elektronike. Kvantovaya  
elektronika, 1966, pp 150-165.  
ALB/PIN/40-23-792-67

*A. N. Ratner*  
Sci/Physics  
Mar 69

377,851

Testing Spiral Gaskets of H. P. Flanged Joints,  
by A. V. Ratner, V. P. Plotnikov.  
RUSSIAN, per, Elekt. Stantsii, Vol 39, No 9, 1968,  
pp 25-27.  
NLL Ref: 9022.31 (4345) ??

A. V. Ratner  
sci/mechan engr  
apr 70

The Role of Thermal Stress in the Calculation  
of Tube Strength in Supercritical Pressure Boilers,  
by A. V. Ratner. *151*  
RUSSIAN, PER, Elekt Stantsii, Vol 38, No 12,  
1967, pp. 19-25.  
MLI Ref: 9091.9F (Sisley Trans 1549)

A V R AT N E R

Sci-Nucl SciTech  
July 69

388,344

I.M. Ratner

The Mechanization and Automation of Production Control, by I. M. Ratner and M. M. Bluvghteyn. 10 pp.  
RUSSIAN, per, Mekhanizatsiya i Avtomatizatsiya, Proizvodstva, No 6, 1969, pp 36-39.  
AIR/FTD-HT-23-205-71

Aug 71

A Study of the Development Process of Individual 118  
Silver Bromide Crystals, by I. M. Ratner.  
RUSSIAN, per, 2h Nauch i Prak Fotogr i Kinet.,  
Vol 11, No 5, 1966, pp 320-331.  
ATS RJ-5203

I. M. RATNER

Sci-Phys  
July 69

385,750

Method of Calculating a Jointless Steam Turbine Governor, by I. S. Ratner.  
RUSSIAN, per, Energomashinstroenie, Vol 12,  
No 8, 1966, pp 17-20.  
HLL Ref: 9022.03 (4113) 98

I. S. Ratner  
Sci/Aeron  
Feb 68

349,586

M. L. Ratner

Economic Effect of New 1971 Standards Examined,  
by M. L. Ratner, G. P. Nazaryan, 7 pp.  
RUSSIAN, per, Standarty i Kachestvo, Moscow,  
No 10, 1972, pp 39-41.

JPRS 57671

Dec 72

Study urged on Economics of Standardization, by  
A. L. Ratner, V. I. Neschikov, 9 pp.  
RUSSIAN, per, Standarty i Kachestvo, Moscow, Aug  
1969, pp 5-9.  
J RS 49168

m. l. Ratner

MSR  
Icon  
Nov 69

393.791

Invariant Measure with Respect to an Anosov Flow  
on a Three-Dimensional Manifold, by M. Ye. Katner.  
RUSSIAN, per Dok Ak Nauk SSSR, Vol 186, No 2,  
1969, pp 261-263.  
The Am Math Soc  
Vol 10, No 3, May-June 1969

M. Y. KATNER

Nov 69

396,874

Central Limit Theorem for Anosov Flows on Three-Dimensional Manifolds, by M. Ye. Katner.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,  
1969, pp 519-521.  
The Am Math Soc  
Vol 10, No 3, May-June 1969

M. Ye. KATNER

Nov 69

396,885

Constants in the Thermal Fluctuation  
Equation for the Lifetime of Autobension  
Compounds of Polymers. by S. B. Ratner.  
RUSSIAN, PDF, Dok Ak Nauk SSSR, Sov Phys,  
Vol 194, No 4, Oct 70, pp 697-810,  
Am Inst of Phys.  
Vol 15, No 10, Apr 71

S. B. R A T N E R

Initial Heating of Plastics During Friction,  
by S. B. Ratner.  
RUSSIAN, per, Mekh Polimerov, Vol 5, No 5, 1969,  
pp 956.  
FID HT Special 240-70

Sci-Phys  
Jul 70

Temperature-Time Relationship of the Stimulated-Elasticity Limit of Polymers, by S. B. Ratner,  
Yu. I. Brokhin.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 138, No 4,  
1969, pp 807-810.  
American Institute of Physics  
Vol 18, No 10, 1970

S. B. Ratner

May 70

Effect of Temperature on Wear of Rubbers,  
by G. S. Klitenik, S. S. Katner.  
RUSSIAN, per, Gauchuk i Kevina, No 4, 1968,  
pp 26-29.  
FTD-S-445

Mar 69

378,070

Activation Energy of Mechanical Destruction of  
Polymers, by S. B. Ratner.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183,  
No 6, December 1968, pp 1297-1300.  
The Am Inst Phys  
Vol 13, No 12, June 1969

Aug 69

390,275

S. B. Ratner

A Method of Determining the Relaxation Constants of Plastics from Thermomechanical Curves, by S. B. Ratner.  
RUSSIAU, per, Plast Massy, No 8, 1967, pp 68-69.  
ATS RJ-4913

66

Sci-Mat  
Feb 69

373,738

Pattern of Crack Development in Fatigue Breakdown  
of Polyethyl Methacrylate, by S. G. Agusalyan,  
S. B. Rother.  
RASLAN, per, Izike-Minicheskaya tekhnika, Vol 13,  
No 6, 1967, pp. 741-743.  
FEB-3-230

S. B. Rother

JAN 63

574,211

S. B. Ratner

Effect of Relaxation Phenomena on Frequency  
Dependence of Durability of Plastics, by  
S. B. Ratner,  
RUSSIAN, per, Dok Ak Nauk SSSR, Sov Phys,  
Vol 199, No 6, August 1971, pp 1292-1295,  
Am Inst of Phys  
Vol 16, No 8, February 1972

Mar 72

Effect of the Composition of Plastics on Their  
Tear Resistance, by V. B. Ratner, I. I. Parkhova,  
9 pp.

PUBLISHER, per, Plasticheskaya Massa, No 1, 1967,  
pp 64-67.

AID/14D/31-23-252-68

sci/ material;  
Sept 69

301,000

J. B. Ratner

Effect of Stresses on Steady-State Temperature  
of Self-Heating of Elastics During Cyclic Loading, by S. B. Ratner.

RUBELAN, ser. Mekhanika Polimerov, No 1, 1967,  
pp 172-182.

\*TLM-1-23-313-68

86

Sci-Lat  
Sep 68

S.B. Ratner

Effect of Stress on Equilibrium Temperature of  
Self-heating of Plastics during Cyclic Loading,  
by S. B. Ratner, A. V. Stinshev. 6 pp.  
RUSSIA, per, Mekhanika Polimerov, no 1, 1967,  
pp 179-182.  
AR/PID/R-23-813-68

sci/~~other~~ materials

scr 69

S. B. Ratner

380,003

heating of Plastics during Repeated Deformation and  
the Nature of the Moehler Curve, by V. I. Korobov,  
S. S. Ratner.

RUDIAK, per, Plasticheskaya Pressy, No 1, 1968,  
pp 68-72.

ETD-5-264

S. S. Ratner

Jan 63

374,218

Principles, organization, and Mechanisms of  
Molecular Genetic Processes, by V. A. Ratner. 45  
approx 272 pp.  
RUSSIAN, bk, Printsiy Organizatsii i Mekhanizm  
Molekulyarnykh Geneticheskikh Protsessov.  
Plenum Publishing

V.A. Ratner  
sci/b and  
jan 71

The Call of the Soviet Theater is to serve the  
People, by Yu. Savadskiy, Ya. Rother. 13 pp.  
RUSSIAN, nov. Sovietist, No 6, May 1968, pp 73-83.  
JFRI 46,072

7

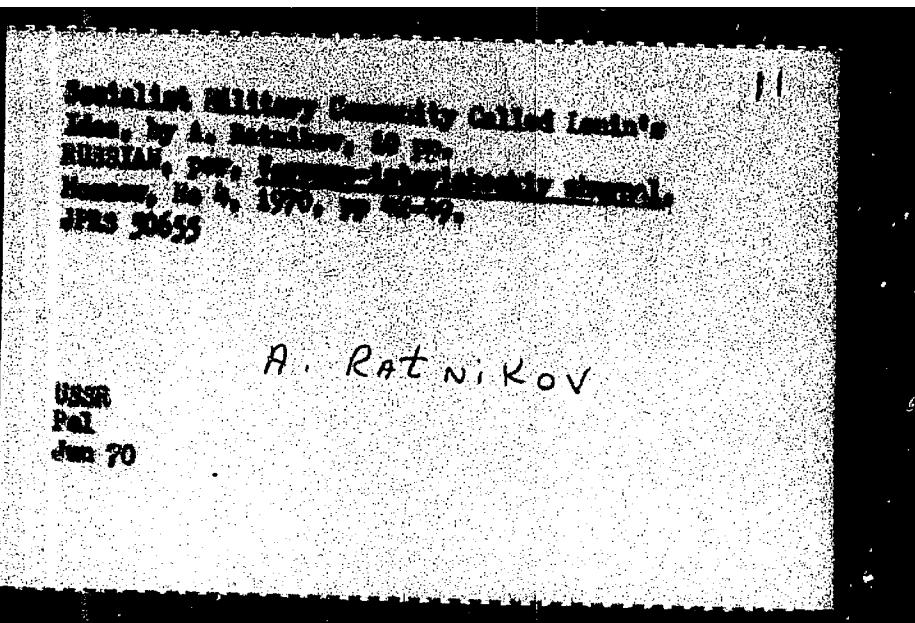
Ya, Rother

6602

500

Aug 65

252.77



Soviet Help to Belgrade Liberation Traced, by  
A. Ratnikov, 5 pp.  
RUSSIAN, per. Komunist Vooruzhennykh Sil, Moscow,  
No 19, Oct 1969, pp 79-82.  
J 18 49212

9

a. Ratnikov

USSR

al

Nov 69

393,926